



Erratum: “Evolution of Intrinsic Scatter in the SFR–Stellar Mass Correlation at $0.5 < z < 3$ ” (2016, *ApJL*, 820, L1)

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The published article contains values in Table 1 and Figure 3 that were found to be in error. These values include the intercepts b and b_9 (columns 4 and 5) for tabulated values of all redshift-binned samples. Analyses of SFR– M_* model parameters in this Letter were performed on median rescaled values of the data throughout. For reporting, the corresponding median rescaled parameter estimates should have been converted back to unscaled values; however, the b and b_9 values reported in Table 1 were not converted. This error did not affect the best-fit models shown in Figure 1 of the published article. That figure was made with the correct, rescaled parameter estimates. We include here a corrected version of Table 1 and Figure 3, for which the middle panel plots the b_9 values at each binned redshift. The correction does not affect the conclusions of the Letter; we include the corrected values here for comparison to the literature.

Table 1
Linear plus Intrinsic Scatter Model Parameters

Redshift (1)	N (2)	a (3)	b (4)	b_9 (5)	σ_{int} (6)	σ_{Tot} (7)
$0.5 < z \leq 1.0$	913	0.919 ± 0.017	-8.143 ± 0.011	0.130 ± 0.020	0.427 ± 0.011	0.525
$1.0 < z \leq 1.5$	671	0.825 ± 0.012	-6.903 ± 0.009	0.526 ± 0.016	0.273 ± 0.009	0.383
$1.5 < z \leq 2.0$	447	0.867 ± 0.013	-7.246 ± 0.011	0.560 ± 0.017	0.255 ± 0.008	0.354
$2.0 < z \leq 2.5$	237	0.849 ± 0.021	-7.055 ± 0.017	0.586 ± 0.027	0.281 ± 0.017	0.399
$2.5 < z \leq 3.0$	304	0.899 ± 0.017	-7.165 ± 0.015	0.931 ± 0.023	0.220 ± 0.017	0.369

Note. (1) Redshift range of the sample. (2) Number of galaxies in the final fit (excluding outliers). (3, 4, 6) Estimated parameters of the model $\log \text{SFR} = a \log M_* + b + N(0, \sigma_{\text{int}})$ including SFR and M_* uncertainties and covariances. (5) Intercept b_9 corresponds to the mass-scaled model $\log \text{SFR} = a (\log M_* - 9.0) + b_9$ in which errors to the fit parameters are approximately uncorrelated. (7) Total scatter, defined as sample standard deviation of the fit residuals after clipping of outliers.

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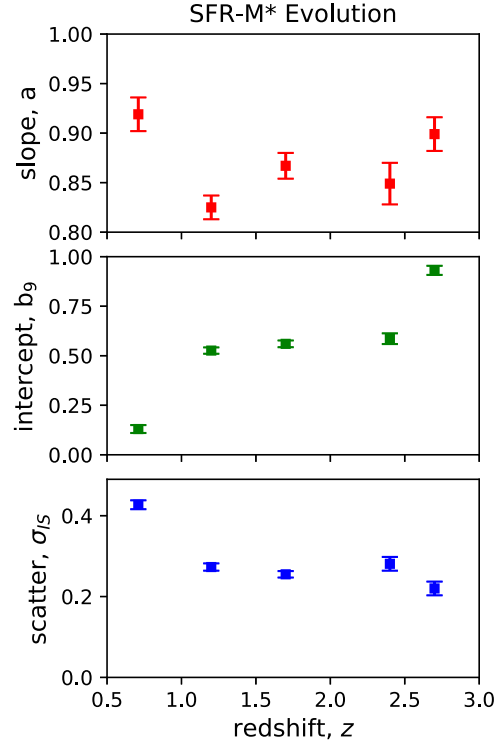


Figure 3. Estimated model parameters for the log SFR–log M_* relationship analyzed in five redshift bins in the range $0.5 < z \leq 3.0$. Slope (top panel) and intercept (middle panel) refer to the linear components of the model, with M_* values scaled to $10^9 M_\odot$. The width, σ , of the Gaussian intrinsic scatter is shown in the bottom panel, in units of dex. Errors to the model parameters are computed from simulations.

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